

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

From Bird's Eye Real-time Mapping Software dated 6-30-02

T:2.

IEEE Transactions on Antennas and propagation, Vol. 46, No. 8, August 1998. " Effect of Terrain on Path Loss in Urban Environments for Wireless Applications" Leonard Piazz and Henry L. Bertoni

EXAMINER

Tony M

DATE CONSIDERED

9/23/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

JUN 10 2003
PATENT & TRADEMARK OFFICE

02560028A

Application Number

09/628,506

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T.Z.	1	4,675,147	6-23-87	Schaefer et al.	—	—	4-6-83
	2	4,736,453	4-5-88	Schloemer	—	—	12-10-85
	3	4,885,694	12-5-89	Pray et al.	—	—	4-29-87
	4	5,111,392	5-5-92	Malin	—	—	6-9-89
	5	5,119,307	6-2-92	Blaha et al.	—	—	12-22-89
	6	5,239,487	8-24-93	Horejsi et al.	—	—	10-24-90
	7	5,293,640	3-8-94	Gunmar et al.	—	—	
	8	5,307,261	4-26-94	Maki et al.	—	—	6-28-91
	9	5,337,149	8-9-94	Kozah et al.	RECEIVED JUN 11 2003	—	11-12-92
	10	5,339,184	8-16-94	Tang	Technology Center 2600	—	6-15-92
T.Z.	11	5,375,123	12-20-94	Andersson et al.	—	—	2-5-93

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

Page 1 of 1, Total Page Count: 1

EXAMINER

Tony Nash

DATE CONSIDERED

9/23/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

02560028AA

09/628,506

Applicant(s)

Filing Date

7/28/00

Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T.Z.	12	5,394,522	2-28-95	Sanchez-Frank et al.	—	—	9-13-93
	13	5,450,615	9-12-95	Fortune et al.	—	—	12-22-93
	14	5,458,123	10-17-95	Unger	—	—	4-29-94
	15	5,465,390	11-7-95	Cohen	—	—	2-12-93
	16	5,482,050	1-9-96	Smokoff et al.	—	—	2-17-94
	17	5,485,568	1-16-96	Venable et al.	—	—	10-8-93
	18	5,491,644	2-13-96	Pickering et al.	—	—	9-7-93
	19	5,491,837	2-13-96	Haartsen	RECEIVED	—	3-7-94
	20	5,493,679	2-20-96	Virgil et al.	JUN 11 2003	—	10-29-93
	21	5,515,269	5-7-96	Willis et al.	Technology Center 2600	—	11-8-93
T.Z.	22	5,528,518	6-18-96	Bradshaw et al.	—	—	10-25-94

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

EXAMINER

Tom Bahr

DATE CONSIDERED

9/29/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE

(Use several sheets if necessary.)



U.S. PATENT DOCUMENTS

| Application Number

09/628,506

Applicant(s)

T. Rappaport et al.

Filing Date

7/28/00

Group Art Unit

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T.B.	23	5,539,665	7-23-96	Lamming et al.	—	—	7-25-94
	24	5,553,312	9-3-96	Gattey et al.	—	—	6-20-94
	25	5,553,620	9-10-96	Snider et al.	—	—	5-2-95
	26	5,555,354	9-10-96	Strasnick et al.	—	—	3-23-93
	27	5,561,841	10-1-96	Markus	—	—	
	28	5,564,070	10-8-96	Want et al.	—	—	7-30-93
	29	5,594,946	1-14-97	Menich et al.	RECEIVED	—	2-28-95
	30	5,598,532	1-28-97	Liron	JUN 11 2003	—	10-21-93
	31	5,625,827	4-29-97	Krause et al.	Technology Center 2600	—	12-23-94
	32	5,636,344	6-3-97	Lewis	—	—	8-22-91
T.B.	33	5,689,355	11-18-97	Okubo et al.	—	—	7-1-96

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

Digitized by srujanika@gmail.com

EXAMINER

Tim Rho

DATE CONSIDERED

9/23/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

INFORMATION DISCLOSURE

(Use several sheets if necessary)

A circular black ink stamp. The outer ring contains the text "U.S. PATENT & TRADEMARK OFFICE" at the top and "WASHINGTON, D.C." at the bottom. In the center, it says "JUN 10 2003" above a horizontal line, and "JC34" below it.

Applicant(s)

Application Number

09/628,506

Applicant(s)

Filing Date

7/28/00

Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	SEARCH & TRADEMARK DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T.Z.	34	5,761,093	6-2-98	Urbish et al.	—	—	5-8-97
	35	5,794,128	8-11-98	Brockel et al.	—	—	9-20-95
	36	5,799,154	8-25-98	Kuriyan	—	—	6-27-96
	37	5,809,282	8-15-98	Cooper et al	—	—	6-7-95
	38	5,815,395	9-29-98	Hart et al.	—	—	6-29-95
	39	5,828,960	10-27-98	Tang et al.	—	—	3-31-95
	40	5,831,610	11-3-98	Tonelli et al.	—	—	2-23-96
	41	5,832,389	11-3-98	Dent	RECEIVED JUN 11 2003 Technology Center 2600	—	4-3-96
	42	5,861,887	1-19-99	Butler et al.	—	—	12-5-95
	43	5,867,112	2-2-99	Kost	—	—	5-14-91
T.Z.	44	5,877,777	3-2-99	Colwell	—	—	4-7-97

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

Digitized by srujanika@gmail.com

EXAMINER

DATE CONSIDERED

Tony Brown

qb3/ou

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

A circular black ink stamp. The outer ring contains the text "U.S. PATENT & TRADEMARK OFFICE" in a clockwise direction. The center of the stamp contains the date "JUN 10 2003".

02560028A A

Application Number

09/628,506

Applicant(s)

Filing Date

7/28/00

Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T, Z,	45	5,878,328	3-2-99	Chawla et al.	—	—	12-21-95
	46	5,907,850	5-25-99	Krause et al.	—	—	1-21-97
	47	5,917,808	6-29-99	Kosbab	—	—	1-17-97
	48	5,923,850	7-13-99	Barroux	—	—	6-28-96
	49	5,926,762	7-20-99	Arpee et al.	—	—	5-17-96
	50	5,940,196	8-17-99	Piehler et al.	—	—	5-16-97
	51	5,945,976	8-31-99	Iwamura et al.	RECEIVED	—	JUN 11 2003 12-10-96
	52	5,948,055	9-7-99	Pulsipher et al.	Technology Center 2600	—	8-29-96
	53	5,949,335	9-7-99	Maynard	—	—	4-14-98
	54	5,949,988	9-7-99	Feisullin et al.	—	—	4-3-97
T, Z,	55	5,953,669	9-14-99	Stratis et al.	—	—	12-11-97

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

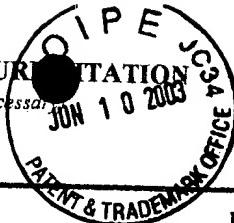
EXAMINER

Tony Zhu

DATE CONSIDERED

9/23/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

JUN 10 2013

Jacket Number (Optional)

02560028A

Application Number

09/628,506

Applicant(s)

Filing Date

7/28/00

Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T.E.	56	5,963,867	10-5-99	Reynolds et al.	—	—	8-16-95
	57	5,970,406	10-19-99	Komara	—	—	12-31-96
	58	5,987,328	11-16-99	Ephremides et al.	—	—	4-24-97
	59	6,006,021	12-21-99	Tognazzini	—	—	7-1-96
	60	6,018,625	1-25-00	Hayball et al.	—	—	8-27-97
	61	6,021,316	2-1-00	Heiska et al.	—	—	
	62	6,032,105	2-29-00	Lee et al.	RECEIVED	—	7-31-97
	63	6,038,547	3-14-00	Casto	JUN 11 2003	—	1-7-98
	64	6,044,273	3-28-00	Tekinay	Technology Center 2600	—	12-10-96
	65	6,058,102	5-2-00	Drysdale et al	—	—	11-6-98
T.E.	66	6,058,262	5-2-00	Kawas et al.	—	—	4-18-97

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

Digitized by srujanika@gmail.com

EXAMINER

DATE CONSIDERED

9/23/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE

(Use several sheets if necessary)

(Use several sheets if necessary.)

A circular black ink stamp. The outer ring contains the words "U.S. PATENT & TRADEMARK OFFICE" at the bottom and "WASHINGTON, D.C." at the top. In the center, the date "JUN 10 2003" is stamped diagonally, and above it is the serial number "3034".

02560028A

Application Number

09/628,506

Applicant(s)

T. Rappaport et al.

Filing Date

7/28/00

Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T,21	67	6,059,842	5-9-00	Dumarot et al.	—	—	4-14-98
	68	6,061,722	5-9-00	Lipa et al.	—	—	12-23-96
	69	6,075,541	6-13-00	Maclinovsky	—	—	11-7-97
	70	6,088,522	7-11-00	Lee et al.	—	—	7-31-97
	71	6,104,699	8-15-00	Holender et al.	—	—	
	72	6,108,309	8-22-00	Cohoe et al.	—	—	12-8-97
	73	6,111,857	8-29-00	Soliman et al.	RECEIVED	—	9-11-97
	74	6,122,083	9-19-00	Ohta et al.	JUN 11 2003	—	10-3-94
	75	6,148,010	11-14-00	Sutton et al.	Technology Center 2600	—	6-24-98
	76	6,199,032	3-6-01	Anderson	—	—	7-22-98
T,21	77	6,204,813	3-20-01	Wadell et al.	—	—	2-20-98

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

Digitized by srujanika@gmail.com

EXAMINER

DATE CONSIDERED

9/23/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE

(Use several sheets if necessary)

A circular black ink stamp. The words "PATENT OFFICE" are curved along the top inner edge. Along the bottom right inner edge, it says "JC34". In the center, the date "JUN 10 2003" is stamped.

Bucket Number (Optional)

Application Number

09/628,506

Applicant(s)

Hiring Date

7/28/00

Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T,2	78	6,208,833	3-27-01	Preschutti et al.	—	—	6-24-97
	79	6,229,540	5-8-01	Tonelli et al.	✓	—	10-13-98
	80	6,253,086	6-26-01	Parantainen et al.	✓	—	3-25-99
	81	6,285,377	9-4-01	Greenbaum et al.	—	—	6-26-97
	82	6,289,203	9-11-01	Smith et al.	—	—	2-25-98
	83	6,317,599	11-13-01	Rappaport et al.	—	—	5-26-99
	84	6,326,987	12-4-01	Alexander	RECEIVED	—	12-19-00
	85	6,330,005	12-11-01	Tonelli et al.	JUN 11 2003	—	10-6-99
	86	6,311,144	10-30-01	Abu El Ata	Technology Center 2600	—	7-31-98
	87	6,337,688	1-8-02	Berstis	—	—	1-29-99
T,2	88	6,338,031	1-8-02	Lee et al.	—	—	9-23-99

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

Tony Zhu

DATE CONSIDERED

9/23/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		02560028AA	09/628,506
		Applicant(s) T. Rappaport et al.	
		Filing Date 7/28/00	Group Art Unit
			

PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T.B.	89	6,356,758	3-12-02 Almeida et al.			12-31-97
	90	6,393,432	5-21-02 Flansburg et al.			6-2-99
	91	6,408,312	6-18-02 Forthman et al.			8-30-99
	92	6,442,507	8-27-02 Skidmore et al.			12-29-98
	93	6,470,195	10-22-02 Meyer			10-31-00
	94	6,487,417	11-26-02 Rossoni et al.	RECEIVED		11-24-99
	95	6,493,679	12-10-02 Rappaport et al.	JUN 11 2003		5-26-99
	96	6,496,290	12-17-02 Lee	Technology Center 2600		12-17-98
	97	6,499,006	12-24-02 Rappaport et al.			7-14-99
	98	6,505,045	1-7-03 Hills et al.			4-10-00
T.B.	99	5,586,254	12-17-96 Kondo			

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

Tony John

DATE CONSIDERED

9/23/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATIONS
(Use several sheets if necessary)

(Use several sheets if necessary)

02560028AA

09/628,506

Applicant(s)

Filing Date

7/28/00

Group Art Unit



5. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	U.S. PATENT DOCUMENTS				FILING DATE IF APPROPRIATE
				NAME	CLASS	SUBCLASS		
TJ	100	6,085,335	7-4-00	Djoko et al.				12-31-97
	101	5,710,758	1-20-98	Soliman et al.				9-29-95
	102	5,821,937	10-13-98	Tonelli et al.				8-12-96
	103	5,774,669	6-30-98	George et al.				7-28-95
	104	5,802,146	9-1-98	Dulman				11-22-95
	105	5,825,759	10-20-98	Liu	RECEIVED			7-24-95
	106	5,845,124	12-1-98	Berman	JUN 1 1 2003			5-1-96
	109	6,199,032	3-6-01	Anderson	Technology Center 2600			7-22-98
	110	5,467,441	11-14-95	Stone et al.				10-6-94
	111	6,243,772	6-5-01	Ghori et al.				1-31-97
TJ	112	5,994,984	11-30-99	Stancil et al.				5-29-98

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

1

3

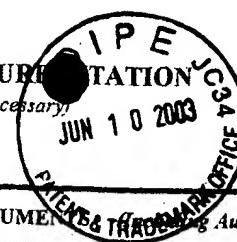
DATE CONSIDERED

7/23/09

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)



Patent Number (Optional)

02560028A

Application Number

09/628,506

Applicant(s)

T. Rappaport et al.

Filing Date

7/28/00

Group Art Unit

EXAMINER
INITIALOTHER DOCUMENTS
(Name of Author, Title, Date, Pertinent Pages, Etc.)

T.Z. 1 P. Bahl, V. Padmanabhan, and A. Balachandran, "A Software System for Locating Mobile Users: Design, Evaluation, and Lessons," Microsoft Technical Report, April 2000

2 G. Durgin, T.S. Rappaport, H. Xu, Measurements and Models for Radio Path Loss and Penetration Loss in and Around Homes and Trees at 5.85 GHz," IEEE Transactions on Communications, vol. 46, no. 11, November 1998.

3 C.M. Peter Ho et al., "Antenna Effects on Indoor Obstructed Wireless Channels and a Deterministic Image-Based Wide-Band Propagation Model for In-Building Personal Communications Systems," International Journal of Wireless Information Networks, Vol. 1, No. 1, 1994.

4 S. Kim et al., "Radio Propagation Measurements and Predictions Using Three-dimensional Ray Tracing in Urban Environments at 908 MHZ and 1.9 GHz," IEEE Transactions on Vehicular Technology, vol. 48, no. 3, May 1999

5 T.S. Rappaport et al., "Use of Topographic Maps with Building Information to Determine Antenna Placements and GPS Satellite Coverage for Radio Detection and Tracking in Urban Environments," MPRG Technical Report MPRG-TR-95-14, Virginia Tech, September 1995

6 R.K. Morrow, Jr. and T.S. Rappaport, "Getting In," Wireless Review Magazine, March 2000.

RECEIVED

JUN 11 2003

Technology Center 2600

7 Wireless Valley Communications, Inc., "SitePlanner 3.16 for Windows 95/98/NT User's Manual," Software User's Manual, pp.5-148 to 5-156, 1999.

8 M. Panjwani et al., "Interactive Computation of Coverage Regions for Wireless Communication in Multifloored Indoor Environments," IEEE Journal on Selected Areas in Communications, Vol. 14, No. 3, April 1996.

9 L. Piazza and H.L. Bertoni, "Achievable Accuracy of Site-Specific Path-Loss Predictions in Residential Environments" IEEE Transactions on Vehicular Technology, vol. 48, no. 3, May 1999.

10 T.S. Rappaport et al., "Wireless Communications: Past Events and a Future Perspective", IEEE Communications Magazine, May 2002.

11 T.S. Rappaport et al., "Radio Propagation Prediction Techniques and Computer-Aided Channeling Modeling for Embedded Wireless Microsystems," ARPA Annual Report, MPRG Technical Report MPRG-TR-94-12, Virginia Tech, July 1994.

T.Z. 12 T.S. Rappaport et al., "Use of Topographic Maps with Building Information to Determine Antenna Placements for Radio Detection and Tracking in Urban Environments," MPRG Technical Report MPRG-TR-95-14, Virginia Tech, November 1995

EXAMINER

DATE CONSIDERED

9/23/04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if nec.)

02560028AA

09/628,506

JUN 10 2003

Applicant(s)
T. Rappaport et al.

Filing Date

7/28/00

Group Art Unit

EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PENDING

JC-34

D. Ullmo et al., "Wireless Propagation in Buildings: A Statistical Scattering Approach," IEEE Transactions on Vehicular Technology, Vol. 48, No. 3, May 1999.

13

T.Z. T.S. Rappaport, "wireless Communications: Principles and Practice" Second Edition, Prentice Hall, 2002.

14

T.S. Rappaport et al., "Use of Topographic Maps with Building Information to Determine Antenna Placements and GPS Satellite Coverage for Radio Detection and Tracking in Urban Environments," MPRG Technical Report MPRG-TR-95-14, Virginia Tech, September 1995.

15

T.S. Rappaport et al., "Indoor Path Loss Measurement for Homes and Apartments at 2.4 and 5.85 GHz," private report produced for Motorola, December 16, 1997.

RECEIVED

JUN 11 2003

Technology Center 2600

16

T.S. Rappaport, "Isolating Interference," Wireless Review Magazine, May 2000.

17

Slides from T.S. Rappaport and R. Skidmore, "Introduction to In-Building Wireless Systems," Infocast In-Building Wireless Solutions Conference and Exposition, February 4, 2003.

18

S. Sandhu, M.P. Koushik, and T.S. Rappaport, "Predicted Path Loss for Roslyn VA, First set of predictions for ORD Project on Site Specific Propagation Prediction," MPRG Technical Report MPRG-TR-94-20, Virginia Tech, December 1994.

19

S. Sandhu, M.P. Koushik, and T.S. Rappaport, "Predicted Path Loss for Roslyn VA, First set of predictions for ORD Project on Site Specific Propagation Prediction," MPRG Technical Report MPRG-TR-94-20, Virginia Tech, March 1995.

20

S. Seidel et al., "Site-Specific Propagation Prediction for Wireless In-Building Personal Communication Design," IEEE Transactions on Vehicular Technology, Vol. 43, No. 4, November 1994.

21

S. Shakkottai and T.S. Rappaport, "Research Challenges in Wireless Networks: A Technical Overview," Proceeding of the Fifth International Symposium on Wireless Personal Multimedia Communications, Honolulu, HI, October 2002.

22

H. Sherali et al., "On the Optimal Location of Transmitters for Micro-cellular Radio Communication System Design," IEEE Journal on Selected Areas in Communications, Vol. Vol. 14, No. 3, pp. 662-673, May 1996.

23

T.Z. R. Skidmore et al., "A Comprehensive In-Building and Microcellular Wireless Communication System Design Tool" The Bradley Department of Electrical Engineering, MPRG-TR-97-13, June 1997. Master's Thesis - unpublished by Virginia Tech for 2 years after submission.

24

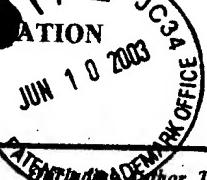
EXAMINER

Troy J. Z.

DATE CONSIDERED

9/23/03

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		02560028AA	09/628,506
 SEARCHED <i>[initials]</i> INDEXED <i>[initials]</i> SERIALIZED <i>[initials]</i> FILED <i>[initials]</i> <i>[initials]</i> JUN 10 2003		Applicant(s) T. Rappaport et al.	
		Filing Date 7/28/00	Group Art Unit Group Art Unit
OTHER DOCUMENTS (List Author, Title, Date, Pertinent Pages, Etc.)			
24	R. Skidmore, et al., Russell Senate Office Building Propagation Study, Project Report for Joseph R. Loring & Associates; "Project Update," AoC Contract # Acbr96088, prepared for Office of the Architect of the Capital, January 19, 1997.		
25	R. Skidmore, et al., Russell Senate Office Building Propagation Study, Project Report for Joseph R. Loring & Associates; "Assessment and Study of the Proposed Enhancements of the Wireless Communications Environment of the Russell Senate Office Building (RSOB) and Associated Utility Tunnels," AoC Contract # Acbr96088, prepared for Office of the Architect of the Capitol, February 20, 1997.		
26	R. Torres et al., "CINDOOR: An Engineering Tool for Planning and Design of Wireless Systems in Enclosed Spaces," IEEE Antennas and Propagation Magazine, Vol. 41, No. 4 August 1999.		
27	R. Skidmore et al., "Interactive Coverage Region and System Design Simulation for Wireless Communication Systems in Multi-Floored Indoor Environments: SMT Plus tm," IEEE ICUPC Proceedings, 1996.		
	T.S. Rappaport et al., "Radio Propagation Prediction Techniques and Computer-Aided CHannel Modeling for Embedded Wireless Microsystems," MPRG Tech. Report MPRG-TR-95-08, Virginia Tech, July 1995.		
RECEIVED JUN 11 2003 Technology Center 2600			

/or

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary.)



02560028AA

09/628,506

Applicant(s)
T. Rappaport et al.Filing Date
7/28/00

Group Art Unit

*EXAMINER
INITIAL

OTHER DOCUMENTS (List Author, Title, Date, Pertinent Pages, Etc.)

Company Web Page "Actix" www.actix.com product name: E-NOS (now E-AMS)

T,2
Company Web Page " Agilent" www.agilent.com product name: OPAS32

Company Web Page " Agilent " www.agilent.com product name: Wizard

Company Web Page " Comarco" www.edx.com product name: SignalPro

Company Web Page " ComOpt" www. comopt.com. product name: CellOpt AFP

RECEIVED

JUN 11 2003

Company Web Page " Lucent" www.bell-labs.com product name: WISE

Technology Center 2600

Company Web Page " Ericsson" www.ericsson.com product name: TEMS Lite

Company Web Page " Ericsson" www.ericsson.com product name: TEMS

Company Web Page " Marconi" www.marconi.com product name: PlaNET

Company Web Page " Marconi" www.marconi.com product name: decibelPlanner

Company Web Page " Schema" www.schema.com product name: Optimizer

T,2
Company Web Page " ScoreBoard" www.scoreboard.com product name: ScoreBoard

EXAMINER

DATE CONSIDERED

9/23/04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.